THU

PTO/SB/08a (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
ork Reduction Agr of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Application Number		10595495
Filing Date		2006-04-24
First Named Inventor	Merm	nod et al.
Art Unit		
Examiner Name		
Attorney Docket Numb	er	3024-119

	U.S.PATENTS								
Examiner Initial*	raminer cite No Patent Number Kind Code <sup>1</sup> Issue Date		Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear				
	1	4094640		1978-06-13	Iwantscheff et al.				
	2	5464758		1995-11-07	Gossen et al.				
·	3	5610053		1995-03-11	Chung et al.	·			
	4	5773695		1998-06-30	Thompson et al.				
	5 ·	5831063		1998-11-03	Hughes-Jones				
	6	5907078		1999-05-25	Greenberg et al.				
	7	6043077	·	2000-03-28	Barber et al.				
	8	6252058	B1	2001-06-26	Thompson				

Application Number		10595495	*
Filing Date		2006-04-24	
First Named Inventor	Merm	od et al.	
Art Unit			
Examiner Name			
Attorney Docket Number	er	3024-119	

		•				
	9	6410314	B1	2002-06-25	Baiker et al.	
	10	6426446	B1	2002-07-30	McElroy et al.	
	11	6429357	B1	2002-08-06	McElroy et al.	
	12	6437217	B1	2002-08-20	McElroy et al.	
	13	6660521	B2	2003-12-09	Brough et al.	
	14	6537542	B1	2003-03-25	Treco et al.	
	15	6565844	B1	2003-05-20	Treco et al.	·
	16	6569681	B1	2003-05-27	Ivanov	
·	17	6573429	B1	2003-06-03	Shinmyo et al.	·
	18	6583338	B2	2003-06-24	McElroy et al.	
	19	6596514	B2	2003-07-22	Morris et al.	

Application Number		10595495		
Filing Date		2006-04-24		
First Named Inventor	Mern	nod et al.	 	
Art Unit				
Examiner Name				
Attorney Docket Numb	er	3024-119		 

				•		
	20	6635806	B1	2003-10-21	Kriz et al.	
	21	6649373	B2	2003-11-18	Brough et al.	
	22	6660521	B2	2003-12-09	Brough et al.	
	23	6706470	B2	2004-03-16	Choo et al.	
	24	6730826	B2	2004-05-04	Wagner et al.	
	25	6747189	B1	2004-06-08	McElroy et al.	
	26	6783756	B2	2004-08-31	Bujard et al.	
	27	6821775	B1	2004-11-23	Kovesdi et al.	
	28	6897066	B1	2005-05-24	Harrington	
If you wis	h to ac	dd additional U.S. Paten			ease click the Add button.	
	r		U.S.P	ATENT APPLIC	CATION PUBLICATIONS	
Examiner Initial*	Cite No	Publication Number	Kind Code <sup>1</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear

Application Number		10595495	<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>		
Filing Date		2006-04-24			
First Named Inventor Mermo		nod et al.			
Art Unit					
Examiner Name					
Attorney Docket Number		3024-119			

1	20020001579	A1	2002-01-03	Hillenberg et al.	
2	20020068362	A1	2002-06-06	Murray et al.	·
3	20020073448	A1	2002-06-13	Michalowski et al.	
4 .	20020094967	A1	2002-07-18	Antoniou et al.	
5	20020098475	A1 .	2002-07-25	Luo et al.	
6	20020103148	A1	2002-08-01	Agarwal et al.	
7	20030018997	A1	2003-01-23	Conkling et al.	
8	20030032597	A1	2003-02-13	Sebestyen	
9	20030054548	A1	2003-03-20	Kaleko et al.	
10	20030082552	A1	2003-05-01	Wolffe et al.	
11	20030087342	A1	2003-05-08	Mermod et al.	
	2 3 4 5 6 7 8	1     20020001579       2     20020068362       3     20020073448       4     20020094967       5     20020098475       6     20020103148       7     20030018997       8     20030032597       9     20030054548       10     20030082552	1       20020001579       A1         2       20020068362       A1         3       20020073448       A1         4       20020094967       A1         5       20020098475       A1         6       20020103148       A1         7       20030018997       A1         8       20030032597       A1         9       20030054548       A1         10       20030082552       A1	1       20020001579       A1       2002-01-03         2       20020068362       A1       2002-06-06         3       20020073448       A1       2002-06-13         4       20020094967       A1       2002-07-18         5       20020098475       A1       2002-07-25         6       20020103148       A1       2002-08-01         7       20030018997       A1       2003-01-23         8       20030032597       A1       2003-02-13         9       20030054548       A1       2003-03-20         10       20030082552       A1       2003-05-01	1       20020001579       A1       2002-01-03       Hillenberg et al.         2       20020068362       A1       2002-06-06       Murray et al.         3       20020073448       A1       2002-06-13       Michalowski et al.         4       20020094967       A1       2002-07-18       Antoniou et al.         5       20020098475       A1       2002-07-25       Luo et al.         6       20020103148       A1       2002-08-01       Agarwal et al.         7       20030018997       A1       2003-01-23       Conkling et al.         8       20030032597       A1       2003-02-13       Sebestyen         9       20030054548       A1       2003-03-20       Kaleko et al.         10       20030082552       A1       2003-05-01       Wolffe et al.

Application Number	Application Number		 
Filing Date		2006-04-24	
First Named Inventor	Merm	od et al.	
Art Unit			
Examiner Name			
Attorney Docket Number		3024-119	

,					
12	20030100077	A1	2003-05-29	Korte et al.	
13	20030140363	A1	2003-07-24	Rapp	
14	20030140364	A1	2003-07-24	Hichney et al.	
15	20030157715	A1	2003-08-21	Laemmli	
16	20030224477	A1	2003-12-04	Heartlein et al.	
17	20030228612	A1	2003-12-11	Kenward et al.	
18	20030232414	A1	2003-12-18	Moore	
19	20040016015	A1	2004-01-22	Nguyen et al.	
20	20040038394	A1	2004-02-26	Kim et al.	
21	20040072352	A1	2004-04-15	Kim et al.	
22	20040076954	A1	2004-04-22	Caldwell et al.	
	13 14 15 16 17 18 20 21	13     20030140363       14     20030140364       15     20030157715       16     20030224477       17     20030228612       18     20030232414       19     20040016015       20     20040038394       21     20040072352	13       20030140363       A1         14       20030140364       A1         15       20030157715       A1         16       20030224477       A1         17       20030228612       A1         18       20030232414       A1         19       20040016015       A1         20       20040038394       A1         21       20040072352       A1	12       20030100077       A1       2003-05-29         13       20030140363       A1       2003-07-24         14       20030140364       A1       2003-07-24         15       20030157715       A1       2003-08-21         16       20030224477       A1       2003-12-04         17       20030228612       A1       2003-12-11         18       20030232414       A1       2003-12-18         19       20040016015       A1       2004-01-22         20       20040038394       A1       2004-02-26         21       20040072352       A1       2004-04-15	12       20030100077       A1       2003-05-29       Korte et al.         13       20030140363       A1       2003-07-24       Rapp         14       20030140364       A1       2003-07-24       Hichney et al.         15       20030157715       A1       2003-08-21       Laemmli         16       20030224477       A1       2003-12-04       Heartlein et al.         17       20030228612       A1       2003-12-11       Kenward et al.         18       20030232414       A1       2003-12-18       Moore         19       20040016015       A1       2004-01-22       Nguyen et al.         20       20040038394       A1       2004-02-26       Kim et al.         21       20040072352       A1       2004-04-15       Kim et al.

Application Number		10595495			
Filing Date		2006-04-24			
First Named Inventor	Merm	od et al.			
Art Unit					
Examiner Name					
Attorney Docket Number		3024-119			

If you wis	n to a	dd additional U.S. Pub	lished Application	n citatio	n information	please click the Add butte	on.	
			FORE	IGN PAT	TENT DOCUM	MENTS	· · · · · · · · · · · · · · · · · · ·	
Examiner Initial*	Cite No	Foreign Document Number <sup>3</sup>	Country Code <sup>2</sup> i	Kind Code4	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T5
	1	0113551	EP	B1	1988-04-27	Britax Wethershield Limited		
	2	0663921	EP	B1	1993-09-27	North Carolina State Univeristy		
	3	1471144	EP		2004-10-27	Magainin Pharmaceuticals, Inc.		
	4	WO 00/20950	US	A1	2000-04-13	Glassbrook, Inc.		
	5	WO 02/00262	US	A2	2002-01-03	Universite de Geneve	·	
	6	WO 02/072138	US .	A1	2002-09-19	HYSEQ, Inc.		
	7	WO 02/077180	US	A2	2002-10-03	HYSEQ, Inc.		
	8	WO 03/024199	US	A2	2003-03-27	Avigenics, Inc.		
	9	WO 03/043415	FR	A1	2003-05-30	VIVALIS, INSTITUT NATIONAL DE LA RECHERCHE AGRONOM		

Application Number		10595495		
Filing Date		2006-04-24		
First Named Inventor Merm		nod et al.		
Art Unit				
Examiner Name				
Attorney Docket Number		3024-119		

	10	WO 2004/053106	us	A2	2004-06-24	Regulome Corporation		
	11	WO 2004/070040	EP	A1	2004-08-19	Artemis Pharmaceuticals GMBH		
	12	WO 2004/106375	EP	A1	2004-12-09	MERUS BIOPHARMACEUTICAL S B.V. LO.		
	13	WO 2005/021765	IS	A2	2005-03-10	ORF Liftaekni EHF		
	14	WO 2005/040384	EP	A1	2005-05-06	Applied Research Systems ARS Holding, N. V.		
	15	WO 97/27207	US	A1	1997-07-31	North Carolina State Univeristy		
If you wish	to a	ı dd additional Foreign F	Patent Document	citation	information p	lease click the Add button	1-9/-49/93-9-9-1-1-1-1	
			NON-PATE	NT LIT	ERATURE DO	CUMENTS		
Examiner Initials*	I I/NOOK MAGAZINA IOUTNAI CATIAL CUMNOCIUM CATALOG ATCL GATA NAGACICL VOIUMA-ICCUA NUMBATICL II I I						<b>T</b> 5	
	GAIL URLAUB, ET AL., Deletion of the diploid dihydrofolate reductase locus from cultured mammalian cells, Cell, June 1983, pp. 405-412, Vol. 33, MIT, US							
CHAO CHEN and LAWRENCE A. CHASIN, Cointegration of DNA Molecules Introduced into Mammalian Cells b Electroporation, Somatic Cell and Molecular Genetics, July 1998, pp. 249 - 256, Vol. 24, No. 4, Springer Netherla US								
	BODE, J. et al., Scaffold/Matrix-Attached Regions: Structural Properties Creating Transcriptionally Active Loci, International Review of Cytology, Vol. 162A; p. 389-444 (1995).							
If you wish	to a	l dd additional non-pate	nt literature docu	ment ci	tation informa	tion please click the Add butte	on i	

Application Number		10595495		
Filing Date		2006-04-24		
First Named Inventor Mermo		nod et al.		
Art Unit			•	
Examiner Name				
Attorney Docket Number		3024-119		

EXAMINER SIGNATURE							
Examiner Signature		Date Considered	•				
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							
<sup>1</sup> See Kind Codes of USPTO Patent Documents at <a href="https://www.USPTO.GOV">www.USPTO.GOV</a> or MPEP 901.04. <sup>2</sup> Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>5</sup> Applicant is to place a check mark here if English language translation is attached.							

(Not for submission under 37 CFR 1.99)

Application Number		10595495
Filing Date		2006-04-24
First Named Inventor Merm		nod et al.
Art Unit		
Examiner Name		
Attorney Docket Number		3024-119

CERTIFICATION STATEMENT								
Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):								
	That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).							
OR	t							
	That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).							
	See attached ce	rtification statement.	•					
	Fee set forth in 3	B7 CFR 1.17 (p) has been submitted herewith	l <b>.</b>					
X	None							
		SIGNAT		•				
A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.								
Sigr	nature	/Joyce v. Natzmer/	Date (YYYY-MM-DD)	2007-01-30				
Name/Print		Joyce von Natzmer	Registration Number	48120				
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND.								

FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria,

VA 22313-1450.

#### **Privacy Act Statement**

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

- The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these record s.
- A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
- 3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
- 4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
- A record related to an International Application filed under the Patent Cooperation Treaty in this system of records
  may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant
  to the Patent Cooperation Treaty.
- 6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
- 7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
- 8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
  - 9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.